

**AMENDMENT TO THE SPECIFICATION**

Please replace the Abstract with the following replacement Abstract.

The present invention provides a variety of microfluidic devices and methods for conducting assays and syntheses. The devices include a solid substrate layer having a surface that is capable of attaching ligand and or anti-ligand, and an elastomeric layer attached to said surface. Preferred embodiments have deflectable membrane valves and pumps, for example, rotary pumps associated therewith.

## **RESPONSE/ARGUMENTS**

Applicants have provided a replacement Abstract. Support for the amendment may be found at, for example, page 2, of the specification.

## CONCLUSION

Applicants believe the application is in proper condition for substantive examination. Accordingly, Applicants respectfully request examination. If a telephone conference may be helpful, Applicants' counsel may be contacted at the number below.

Respectfully submitted  
under 37 C.F.R. §1.34(a),



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